

<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>089416-000000US</b> U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/586,506</b>
INTERNATIONAL APPLICATION NO. <b>PCT/IB2005/000074</b>	INTERNATIONAL FILING DATE <b>January 14, 2005</b>	PRIORITY DATE CLAIMED <b>January 16, 2004</b>
TITLE OF INVENTION <b>SPHEROIDAL MULTI-SOLENOID ANTENNA</b>		
APPLICANT(S) FOR DO/EO/US <b>Boris KOKORIN</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> </ol>		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="text-align: center;"><b>10/586,506</b></div>	INTERNATIONAL APPLICATION NO. <div style="text-align: center;"><b>PCT/IB2005/000074</b></div>	ATTORNEY'S DOCKET NUMBER <div style="text-align: center;"><b>089416-000000US</b></div>	
20. Other items or information: <ul style="list-style-type: none"> <li>• Express Mail Label EV 566961360 US</li> <li>• Response to Notification of Missing Requirements</li> <li>• Statement Under 37 CFR 3.73(b) with true copy of Patent Assignment</li> <li>• Supplemental Application Data Sheet</li> <li>• Return Response Postcard</li> </ul>			
The following fees have been submitted		<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21. <input type="checkbox"/>	Basic national fee (37 CFR 1.492(a)).....	<b>\$300</b>	\$
22. <input type="checkbox"/>	Examination fee (37 CFR 1.492(c))		
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....		<b>\$0</b>	
All other situations .....		<b>\$200</b>	
23. <input type="checkbox"/>	Search fee (37 CFR 1.492(b))		
If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....		<b>\$0</b>	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....		<b>\$100</b>	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB .....		<b>\$400</b>	
All other situations .....		<b>\$500</b>	
<b>TOTAL OF 21, 22 and 23 =</b>			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
- 100 =	/50 =		x \$250
			\$
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		<b>\$ 130.00</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	- 20 =		x \$ 50
Independent claims	- 3 =		x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.			\$
<b>SUBTOTAL =</b>			\$
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		+	\$
<b>TOTAL NATIONAL FEE =</b>			\$
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+	\$ 40.00
<b>TOTAL FEES ENCLOSED =</b>			\$ 170.00
		Amount to be refunded:	\$
		Amount to be charged:	\$ 170.00

09/18/2007 LLANDGRA 00000067 201430 10586506

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="text-align: center;">10/586,506</div>	INTERNATIONAL APPLICATION NO. <div style="text-align: center;">PCT/IB2005/000074</div>	ATTORNEY'S DOCKET NUMBER <div style="text-align: center;">089416-000000US</div>
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a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.  
 b. ☒ Please charge my Deposit Account No. 20-1430 in the amount of \$ 170.00 to cover the above fees.  
     A duplicate copy of this sheet is enclosed.  
 c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to  
     Deposit Account No. 20-1430. A duplicate copy of this sheet is enclosed.  
 d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information**  
     **should not be included on this form.** Provide credit card information and authorization on PTO-2038. The PTO-2038  
     should only be mailed or faxed to the USPTO. However, when paying the basic national fee, the PTO-2038 may NOT be  
     faxed to the USPTO.

**ADVISORY:** If filing by EFS-Web, do **NOT** attach the PTO-2038 form as a PDF along with your EFS-Web submission.  
 Please be advised that this is **not** recommended and by doing so your **credit card information may be displayed via**  
**PAIR.** To protect your information, it is recommended paying fees online by using the electronic payment method.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must  
 be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

J. Georg Seka  
 TOWNSEND AND TOWNSEND AND CREW LLP  
 Two Embarcadero Center, Eighth Floor  
 San Francisco, CA 94111-3834

  
 \_\_\_\_\_  
 SIGNATURE  
J. Georg Seka  
 NAME  
24.491  
 REGISTRATION NUMBER

61153677 v1

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On 14 September 2007

TOWNSEND and TOWNSEND and CREW LLP

By: Brian M. Bergner

PATENT  
Attorney Docket No.: 089416-000000US  
Client Reference No.: F20311

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Boris KOKORIN

Application No.: 10/586,506

Int'l. Filing Date: January 14, 2005

For: SPHEROIDAL MULTI-SOLENOID  
ANTENNA

Customer No.: 20350

Confirmation No.: 4630

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

TRANSMITTAL LETTER –  
RESPONSE TO NOTICE OF MISSING  
PARTS

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US), dated July 16, 2007, enclosed are the following to be made of record in the above-identified application:

- 1) Transmittal Letter to the United States Designated/Elected Office
- 2) Executed Declaration
- 3) Power of Attorney by Assignee
- 4) Certificate of Assignee Under 37 C.F.R. § 3.73(b) with true copy of Patent Assignment
- 5) Assignment of Patent Application and Recordation Cover Sheet
- 6) Supplemental Application Data Sheet
- 7) Copy of Notification of Missing Requirements

Please charge Deposit Account No. 20-1430 for the following fees:

Large Entity:	(a)	Filing Fee	\$0
	(b)	Search Fee	\$0
	(c)	Examination Fee	\$0
	(d)	Application Size Fee	\$0
	(e)	Excess Claims Fees (§ 1.16(b), (c)):	
		13 - 20 = 0                      x \$50 =	\$0
		1 - 3 = 0                        x \$200 =	\$0
	(f)	Multiple Dependent Claims	
	(g)	Missing Parts Surcharge	\$0
		<b>Total Fees To Be Charged</b>	<b>Noted on Accompanying Transmittal Letter</b>

### INVENTORSHIP CORRECTION

Attached hereto is a corrected ADS which lists Boris KOKORIN as the sole inventor.

On the original ADS, Martin PARRY was inadvertently listed as a co-inventor, which he is not. As is shown on the face sheet of the International Publication of the application WO 2005/078863 A1 (copy attached), Martin PARRY is not an inventor but the assignee-applicant for New Zealand only.

In view thereof, it is requested that the Patent Office records be corrected by deleting from this application, Martin PARRY as a co-inventor.

The Commissioner is hereby authorized to charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to Deposit Account No. 20-1430. This Transmittal Letter is submitted in duplicate.

Respectfully submitted,



J. Georg Seka  
Reg. No. 24,491

**Customer No. 20350**  
TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: 415-576-0200  
Fax: 415 576-0300  
JGS:bmb61153901 v1



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

089416-00000065  
 JGS.SF

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/586,506	Boris Kokorin	089416-00000US

INTERNATIONAL APPLICATION NO.
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PCT/IB05/00074

I.A. FILING DATE	PRIORITY DATE
01/14/2005	01/16/2004

20350  
 TOWNSEND AND TOWNSEND AND CREW, LLP  
 TWO EMBARCADERO CENTER  
 EIGHTH FLOOR  
 SAN FRANCISCO, CA 94111-3834

CONFIRMATION NO. 4630

371 FORMALITIES LETTER



\*OC000000024831362\*

*Response Due 09/16/07*

Date Mailed: 07/16/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/17/2006
- Copy of the International Search Report filed on 07/17/2006
- Preliminary Amendments filed on 07/17/2006
- Information Disclosure Statements filed on 07/17/2006
- U.S. Basic National Fees filed on 07/17/2006
- Priority Documents filed on 07/17/2006
- Specification filed on 07/17/2006
- Claims filed on 07/17/2006
- Abstracts filed on 07/17/2006
- Drawings filed on 07/17/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- Surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 was not received.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

*Rat*

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/586,506	PCT/IB05/00074	089416-00000US

FORM PCT/DO/EO/905 (371 Formalities Notice)